



Product Specification

cdhfinechemical.com

CERIC SULPHATE TETRAHYDRATE AR

PRODUCT CODE	RE0193
SYNOMYMS	Cerium (IV) sulphate
C.I. NO.	--
CASR NO.	10294-42-5
ATOMIC OR MOLECULAR FORMULA	$\text{Ce}(\text{SO}_4)_2 \cdot 4\text{H}_2\text{O}$
ATOMIC OR MOLECULAR WEIGHT	404.30
PROPERTIES	Soluble in water (decomposes), soluble in dilute sulphuric acid . Strong oxidizer.
PARAMETER	LIMIT
Description	Orange or reddish yellow or yellow crystalline powder/crystals.
Solubility	Soluble in dilute H_2SO_4 .
Minimum Assay (Redox titration, ex Ce)	99.99%
MAXIMUM LIMIT OF IMPURITIES	
Chloride (Cl)	0.001%
Phosphate (PO ₄)	0.01%
Iron (Fe)	0.05%
Lead (Pb)	0.005%
Note(s) : Assay (if applicable) method mentioned.	
WARNING	IMDG Code : -- UN No. : -- IATA : --
Hazard statements : May cause respiratory irritation. Causes skin irritation. Causes serious eye irritation.	
Precautionary statements	
Prevention: Avoid breathing dust/fume/gas/mist/vapours/spray. Wash thoroughly after handling. Use only outdoors or in a well-ventilated area. Wear protective gloves/protective clothing/eye protection/face protection.	
Response: IF INHALED: Remove to fresh air and keep at rest in a position comfortable for breathing. IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. Call a POISON CENTER or doctor/physician if you feel unwell. If eye irritation persists: Get medical advice/attention.	
Disposal: Dissolve the chemical to be disposed, in water and allow it to run to waste, diluting with large quantities of water. The quantities greater than 10g should be dissolved in water and transferred to heavy metal waste drums for collection by specialist disposal company.	
Hazard Pictogram(s) :	 GHS07